A. L. A. BOOKLIST

ISSUED BY THE
AMERICAN LIBRARY ASSOCIATION
PUBLISHING BOARD

AND ADOPTED FOR STATE USE BY THE
LEAGUE OF LIBRARY COMMISSIONS

Vol. 4, No. 2
February, 1908

CONTENTS

American Library Association Publishing Board . . . 34
General Literature 35
Fiction 51
Children's Books. 55
Some Industrial Arts Books. 57

34 NEWBURY STREET
BOSTON

A.L.A. PUBLISHING BOARD

Subscribers are here reminded that the February number of the Booklist will be the last one sent to those whose subscriptions expired with the December number, and have not been renewed.

Will subscribers kindly make thorough search before reporting the non-receipt of the Booklist or Bulletin, as every month the envelopes are carefully checked up with the address list before sending from the Publishing Board office. The Post Office may be charged with a certain proportion of error, but in many cases report of non-receipt is made when the Booklist is already in the library and afterwards found.

The list of *Industrial arts books* on pages 57–72 will be reprinted if a sufficient number of orders are received by March 10th. Price $1.25 per 100; 10 c. each.

Technical literature for June, 1907, published a list of engineering and semi-popular scientific books made by a dealer for a town library. Those who do not have the magazine named will be furnished a copy of the list on application to the Engineering News Book Department, 220 Broadway, N.Y.

Will those libraries having any knowledge or experience regarding the disinfection of books report to the Secretary of the Publishing Board with a view to making better known the practice of libraries.

The **A.L.A. Booklist** is issued monthly, except in July and August. Subscription price, $1.00 a year; $2.50 per 100 copies for single numbers; 15 cents for single copies.

Entered as second class matter January 15, 1906, at the post office at Boston, Mass., under Act of Congress of July 16, 1894.

A.L.A. BOOKLIST

GENERAL LITERATURE

Abbott, Katharine Mixer. Old paths and legends of the New England border. N.Y.Putnam(N)1907. 408p.illus.map. **$3.50 net.

Describes out-of-the-way places in Connecticut, Deerfield, Long Island, and the Berkshire Hills, selected by reason of historic and literary interest, or survival of quaint buildings, customs, etc. Companion volume to *Old paths and legends in New England.* Illustrated with photogravure frontispiece and about 200 reproductions of photographs.

917.4 G84 New England — Description and travel ‖ Connecticut — History ‖ Long Island — History ‖ Massachusetts — History 7-40881/6

Alexandre, Arsene. Sir Edward Burne-Jones (Newnes art library) Second series. Lond.Newnes,N.Y. Warne(Mr)[1907] 65p.illus. *$1.25 net. 3/6 net.

Contains a brief critical sketch of Burne-Jones' art, and 49 excellent half-tone reproductions of the Hollyer photographs of his pictures.

759.2 WP10 Burne-Jones, *Sir* Edward Coley, *bart.* 1833-1898 W7-198/2

Allen, Alexander Viets Griswold. Phillips Brooks. ✠ N.Y.Dutton(N)1907. 653p.por. **$2.50 net.

An abridgment of the author's admirable *Life and letters of Phillips Brooks*, 2 v., published by Dutton in 1900 at $8 net, in which "care has been taken to preserve everything of importance bearing on his development, and to maintain the perspective of his career." — *Preface.*

921 E Brooks, Phillips, *bp.* 1835-1893 7-41554/2

American academy of political and social science. Social work of the church (Annals of the American academy of political and social science. v.33, no.3) Phil.Amer.acad.(N)1907. 196p. 26cm. paper, $1.

Contents. The church and its social aspect, by E. Judson — The church and the working man, by J. W. Cochran — Presbyterian Department of church and labor, by C. Stelzle — Modern principles

✠ indicates recommended for small libraries or for first purchase.

of foreign missions, by E. W. Capen — Social work of the Catholic church in America, by W. J. Kerby — The Christian settlement, by T. S. Evans — The settlement's relation to religion, by Mary K. Simkhovitch — The social work of a suburban church, by P. T. Farwell — The social work of a church in a factory town, by D. Evans — Social work and influence of the negro church, by R. R. Wright, jr. — The church and philanthropy, by G. B. Mangold — Efficiency in religious work, by W. H. Allen — The Salvation army — a criticism, by C. C. Carstens — Relation of the municipality to the water supply, a symposium.

261 Cк Sociology, Christian ‖ Church work 7-41601/4

Allen, William Harvey. Efficient democracy. N.Y. Dodd(Ap)1907. 346p.illus.pors.forms. **$1.50 net.

A plea for the application of the "efficiency test" to the administration of all public institutions, from the machinery of the government itself to the institutions of education, charities, and reform. By the "efficiency test" is meant expert statistical research and publication of results. The most practical suggestion offered is that of the establishment of an institute for municipal research. The writer does not measure up to his subject which is a great one. The book has been hastily thrown together, and is in no sense a systematic treatise, but interest in, and instruction on, this subject is so greatly needed that the book will be found exceedingly useful, especially to charity workers. Three chapters republished from *World's work*, *Journal of sociology*, and *Atlantic*.

304 H Social problems ‖ Statistics 7-18590/4

Bagot, Richard. The lakes of northern Italy. N.Y. Macmillan[Lond.Methuen](O)1907. 308p.illus. map. $1.75. 5/ net.

"It does not give the material details which the tourist needs to know, but describes fully, and often picturesquely, all the main-travelled spots and many of the out-of-the-way ones. Mr Bagot does for this region what the late Augustus Hare did for Florence, Rome, and Venice; and he spices his descriptions with views of his own on whatever subject comes up . . . He does not forget to recall the historical event or the legend associated with each place . . . Printed on thin paper, his little volume, which has good halftones, a sketch map, and an index, may be recommended to every traveller whom good fortune leads to North Italian lakes." — *Nation*, 85: 567 (19 D 07)

914.5 G36 Italy — Description and travel 8-431/3

Berenson, Bernhard. North Italian painters of the ✣ renaissance. N.Y.Putnam(N)1907. 341p. **$1.50 net.

Discriminating, suggestive, stimulating criticism, comparing favorably with his earlier works — *Florentine painters of the renaissance, Central Italian painters of the renaissance*, etc. — which rank with the best art criticism of recent years. Contains a valuable index to the works of the principal north Italian painters (145p.) and an index of places (36p.)

759.5 Wp36 Painters, Italian 7-36958/3

Brady, Cyrus Townsend, *comp.* Northwestern fights
✣ and fighters (American fights and fighters series) N.Y.McClure(O)1907. 373p.illus.maps,pors. †$1.50.

A somewhat heterogeneous compilation of contributions from participants (some of them being well-known Indian chiefs) in various Indian wars in the Northwest, linked together with a general account by the author. A certain value always attaches to personal accounts of historic events. These, however, are of use principally as entertaining reading for men and boys, and offer nothing of any particular value to the student.

978 F93 Northwest, The ‖ Indians of North America 7-36235/4

Butler, Pierce. Judah P. Benjamin (American crisis biographies) Phil.Jacobs(My)[1907] 459p.por. **1.25 net.

A conscientious and interesting account of a little known but important figure in American history.

921 E Benjamin, Judah Philip, 1811-1884 7-21376/2

Caffin, Charles Henry. The story of American painting; the evolution of painting in America from colonial times to the present. N.Y. Stokes(O) [1907] 396p.illus.pors. **$2.50 net.

Reliable as to information and rating of artists, founded apparently on opinions of recognized authorities, but lacking in original criticism. Illustrations, type, and paper all go to make an unattractive volume. Many pictures are fogged, and all bear lengthy legends which detract from effect. A useful book for popular study, not a satisfying one for the discriminating student. Does not compare favorably with Isham's admirable work on the subject, but has its place.

759.1 Wp83 Painting, American 7-36959/3

Campbell, Reginald John. Christianity and the social order. N.Y.Macmillan(D)1907. 284p. **$1.50 net.

"An attempt to show the correspondence between the principles of Christianity and those of modern Socialism — Socialism in its best sense." — *Preface.* The chapters deal with: the church and the masses, the Kingdom of God in Jewish history, in primitive Chris-

tianity, in present-day Christianity; the common objectivity of Christianity and Socialism; the socialising of natural resources, of industry; the socialised state.

261 Cк Sociology, Christian ‖ Socialism 7-41762/4

Chart, D. A. The story of Dublin (Mediæval towns) Lond.Dent,1907. 367p.illus.map,plan. $2. 4/6 net.

"There are plenty of truths in this book — plenty of learning also; but there are also grave gaps and often annoying inaccuracies . . . The account of the suburbs is pleasant and chatty, and will serve as a useful guide to the ordinary visitors." — *Athenæum*, 1907, 2:34 (13 Jl 07)

The first part deals with the history, 150–1900; the second with description. Illustrations mostly wood-cuts, print clear.

941.5 F42 Ireland — History ‖ Dublin 7-25495/4

Cornish, Charles John. Animal artisans and other studies of birds and beasts. Lond.Longmans, 1907. 274p.illus.pors. $2.50. 6/6 net.

A collection of miscellaneous papers which have appeared in the London *Spectator* and *Country life;* the work of a nature lover who is a good observer but not always a scientific interpreter. Offers quiet pleasures to the amateur nature student, but not absorbing interest. Written with charm; illustrated from pencil and wash drawings; well-printed on light-weight, dull-finished paper.

591 Oc Animals, Habits and behavior of ‖ Birds 7-28981/4

Crawford, Mary Caroline. Among old New England inns. Bost.Page(O)1907. 381p.illus. $2.

"An account of little journeys to various quaint inns and hostelries of colonial New England," in which is woven bits of history, tradition, and anecdote of both Revolutionary and Colonial times. Many pictures add to value and attractiveness of the book; well-printed, fairly-well bound.

917.4 G84 New England — Description and travel ‖ Inns 7-36234/4

Curtis, Natalie, *ed.* The Indians' book. N.Y.Harper (S)1907. 572p.illus.facsims.pors. 26cm. **$7.50 net.

"An offering by the American Indians of Indian lore, musical and narrative, to form a record of the songs and legends of their race," merely transcribed by Miss Curtis. Divided into chapters devoted to the Eastern Indians, the Lake, Northwestern, Southwestern, and Pueblo. Explanatory descriptions are given to the songs with music. The illustrations are reproduced from photographs and

original drawings by Indians. The book is printed on glazed paper and very heavy. Except for the pictures, the book will appeal only to general readers especially interested in the Indian and to students of history or anthropology.

970.1 F801 Folk-lore — Indians of North America ‖ Indians of North America 7-31183/4

Davis, **Richard Harding.** The Congo and coasts of Africa. N.Y.Scribner(N)1907. 220p.illus. **$1.50 net.

Based upon other people's reports, written and verbal, and casual observations during a month's stay in the Congo. Endorses the worst reports of conditions. Written in the author's usual graphic style. Will appeal to some readers, familiar with his other books, who would not read a valuable and reliable work on the subject. Illustrated with photos taken during the trip.

916.7 G754 Kongo Free State ‖ Africa — Description and travel 7-37527/3

Day, **Clive.** A history of commerce. N.Y.Longmans (Je)1907. 626p.maps. $2.

The best general treatise on the subject in English; covers ancient mediæval, modern, and recent commerce, the last part of the book being devoted to the commerce of the United States. Contains excellent references and bibliographies. Intended for schools and colleges. The author is assistant professor of economic history in Yale University.

380 Hk Commerce — History 7-22953/2

Day, **James Roscoe.** The raid on prosperity. N.Y. Appleton(N)1907. 351p. **$1.50 net.

Protests against recent Federal interference with large corporate interests, and argues against the constitutionality of such interference. Presents a side of the vital question of trusts on which little is written, and is, therefore, useful for debates particularly. Partly republished from *Van Norden's magazine* and *Leslie's weekly.* The author is chancellor of Syracuse University.

338 Hk U.S. — Economic conditions ‖ Corporations ‖ Trusts 7-36714/5

Dow, **Earle Wilbur.** Atlas of European history. N.Y. ✣ Holt(O)1907. 46p.50maps. 27cm. *$1.50 net.

Intended to meet a long-felt need for a small atlas of European history, in the English language, "which should not obscure general views by too many details, and which should have a serviceable key to the contents." Based on the best of the large atlases; arranged chronologically; accompanied with alphabetical index of 46 pages.

911 Gz30 History — Atlases ‖ Europe — History. No title card 7-29562/3

DuBois, Patterson. The culture of justice; a mode of moral education and of social reform. N.Y. Dodd(Ap)1907. 282p. **75c. net.

"This little book is the amplification of an address delivered under the auspices of the Union theological seminary at the opening of the extension courses for lay students in the autumn of 1906." — *Preface.*

Its subject is the importance of so cultivating a sense of justice that it will be the controlling habit of mind in regulating complex human relations. The author writes, frankly, pointedly, and with conviction.

170 BQ Conduct of life ‖ Social ethics 7-16993/4

Durland, Kellogg. The red reign; the true story of
✢ an adventurous year in Russia. N.Y.Century(S) 1907. 533p.illus.pors. $2 net.

Journalistic record of an American's journey, in 1906, "through every section of European Russia, Poland and the Caucasus, and a part of western Siberia." Rather one-sided, and exaggerated in certain aspects, though not entirely unfair. An interesting book, less sensational, and better written than Fraser's *Red Russia;* but neither of them to be compared in permanent value with Pares' *Russia and reform.* Partly reprinted from *Harper's weekly, Collier's weekly, New York evening post, Boston evening transcript* and the *Independent.*

914.7 G54 Russia — Politics and government 7-32827/3

Field, Claude Herbert Alwyn Faure. Heroes of mis-
✢ sionary enterprise. Lond.Seeley[Phil.Lippincott](N 07)1908. 334p.illus. *$1.50 net. 5/

"True stories of the intrepid bravery and stirring adventures of missionaries with uncivilized man, wild beasts, and the forces of nature in all parts of the world." — *Explanatory title.* The author was formerly a missionary in Punjab, India.

266 Ds Missionaries 7-35422/3

Freeman, William George. The world's commercial
✢ products, by W. G. Freeman and S. E. Chandler. Lond.Pitman[N.Y.Ginn](O)1907.391p.illus.plates, map. *$3.50 net. 10/6 net.

"A descriptive account of the economic plants of the world and their commercial uses;" with some history and statistics of production. Although not written for children will be useful to them in connection with their school work. Profusely illustrated with remarkably clear and interesting half-tone reproductions of photographs, with full-page colored plates.

630 RG Commercial products ‖ Botany, Economic ‖ Geography, Commercial ‖ Grain ‖ Starch ‖ Sugar ‖ Cocoa ‖ Tea ‖ Coffee ‖ Tobacco Grape ‖ Wine ‖ Vege-

tables ‖ Fruits ‖ Rubber ‖ Forests and forestry ‖ Fibers ‖ Cotton ‖ Drugs ‖ Gums and resins ‖ Dyes and dyeing ‖ Essences and essential oils ‖ Oil ‖ Spices. If used in the children's room may add the following (7 extra cards): Wheat ‖ Barley ‖ Rye ‖ Oats ‖ Rice ‖ Corn ‖ Millet 7-22708/26

Gamble, William. Straight talks on business. Phil. Jacobs(Ag)[1907] 230p. **$1 net.

A collection of rigorous, sensible talks on business, and personal matters connected with business life, too general to be of great practical service, but suggestive.

658 HK Business ‖ Success 7-27365/4

Gibson, Charles R. The romance of modern photog-
✣ raphy, its discovery & its achievements. Phil. Lippincott[Lond.Seeley](D07)1908. 344p.illus. *$1.50 net. 5/

About how photography came to be invented, the daguerrotype, instantaneous photography, photographing in color, the making of book illustrations, the three-color process of printing, use of photographs in detection of criminals, photographing the invisible, telegraphing photographs, photographing through the telescope and microscope, other uses of photography in science, a camera without a lens, and how light makes the photograph. Readable and informing; bulky but light book to handle; illustrated with many half-tones.

770 WR Photography 7-42487/3

Gilbert, Grove Karl. The San Francisco earthquake and fire . . . and their effects on structures and structural materials; reports by Grove Karl Gilbert [and others] (Geological survey bulletin 324) Wash.Gov't.1907. 170p.

While of chief value to engineers and builders, the 57 photographic reproductions, the semi-popular nature of much of the text, the magnitude of the calamity which forms the subject, all unite in lending general interest to the monograph.

551 ML Earthquakes ‖ San Francisco ‖ Building materials GS7-1565/4

Gosse, Edmund William, 1849- Father and son; biographical recollections. N.Y.Scribner (O)1907. 355p.por. **$1.50 net.

A record of the author's childhood and youth in a home where the most austere Puritanism prevailed; of his father, a scientist of distinction, devoted first of all to the religious bringing up of his son. Tells of the development of the boy's individuality, and the final break between father and son, between the rigid religion of the past and the liberality of the present, which sacrificed neither the love of

the father nor the respect of the son. Written with great charm, with delicacy of feeling, poetic insight, and not a little humor. Published anonymously.

921 E Gosse, Philip Henry, 1810–1888 7–36407/3

Grimshaw, Beatrice Ethel. Fiji and its possibilities (Geographical library) N.Y.Doubleday(S)1907. 315p.illus.por. **$3 net.

An account of the journey of an Englishwoman into the interior of the Fiji and New Hebrides (or Cannibal) Islands where no white woman had ever been before. Though not a serious study the book gives an excellent idea of social and economic conditions on the islands. Illustrated from interesting photographs by the author. Index. A bulky, heavy book.

919.6 G191 Fiji Islands || New Hebrides || Norfolk Island 7–31404/4

Hale, Albert Barlow. The South Americans. Indianapolis,Bobbs(O)c1907. 361p.illus.maps. **$2.50 net.

"The story of the South American republics, their characteristics, progress, and tendencies; with special reference to their commercial relations with the United States." — *Explanatory title.* Somewhat superficial, but reliable and very useful for general information. Popular in style.

918 G98 South America 7–36231/2

Hart, Albert Bushnell. National ideals historically traced,1607–1907 (American nation) N.Y. Harper(D)1907. 401p.maps. **$2 net.

The final volume of the series, presenting a rapid survey of the ground covered. Discusses events, institutions, policies as modified by early ideals, geographic environment, race problems, social conditions, and relations with other countries. Attempts to measure the progress of the nation by comparing early ideals and their working out with later ideals, which are based on experience, and their probable outcome. Closes with a discussion of the future of American democracy.

973 F83 U. S. History || Civilization 7–41115/4

Hobbs, William Herbert. Earthquakes, an introduction to seismic geology. N.Y.Appleton(N) 1907. 336p.illus. **$2 net.

Dr Hobbs, Professor of geology in the University of Michigan, has for many years past made a special study of this subject — at present one of importance and of popular interest — and gives us a clear and comprehensive statement of his conclusions, which are based

largely on the most recent investigations. Not all of his theories will be generally accepted by his fellow geologists, but they will command attention, and the layman will find much in the book that is of exceeding interest. Illustrated from photographs — more than 100 — many of which throw light on mooted questions.

551 ML Earthquakes 7-39003/2

Holroyd, *Sir* Charles. The National gallery — London: The central Italian schools (Art galleries of Europe) Lond.Newnes,N.Y.Warne[1906] 80p.illus. *$1.25 net. 3/6 net.

Gives brief general characterization of the schools and critical comments upon some of the pictures representing them, 48 excellent half-tone reproductions of the principal pictures, and a list of all pictures of these schools exhibited in the gallery.

759.5 WP36 Painting, Italian ‖ London — National Gallery W7-51/4

—— The National gallery — London: The northern Italian schools (Art galleries of Europe) Lond. Newnes,N.Y.Warne[1906] 89p.illus. $1.25 net. 3/6 net.

Gives general characteristics of the schools briefly, critical comments on some of the pictures, 48 reproductions, one photogravure and the rest half-tones, of the most important works, and a list of all exhibited in the gallery.

759.5 WP36 Painting, Italian ‖ London — National gallery W7-60/4

Howard, Oliver Otis. Autobiography of Oliver Otis Howard, major general, United States army. N.Y.Baker(S)1907. 2v.illus.pors.facsims. **$5 net.

Readable and trustworthy account of one of the more interesting military careers of the Civil War. The portion dealing with reconstruction has a special value as General Howard was at that time in charge of the Freedman's Bureau.

921 E U. S. Bureau of refugees, freedmen and abandoned lands 7-35640/2

Huntington, Ellsworth. The pulse of Asia: a journey in central Asia illustrating the geographic basis of history. Bost.Houghton(N)1907. 415p. illus.map. **$3.50 net.

Record of two years spent in scientific exploration of the deserts of Chinese Turkestan, which forms the basis of the author's demonstration of his theory that geographical environment and climate have a profound influence upon the occupations, customs, character, and history of peoples.

915 G64 Asia Central — Description and travel ‖ Anthropo-geography 7-30725/4

James, William. Pragmatism: a new name for some old ways of thinking. N.Y.Longmans(Je)1907. 308p. **$1.25 net.

Contents. The present dilemma in philosophy — What pragmatism means — Some metaphysical problems pragmatically considered — The one and the many — Pragmatism and common sense — Pragmatism's conception of truth — Pragmatism and humanism — Pragmatism and religion.

Presents pragmatism as a philosophy applicable to the concrete facts and experiences of every day life. The test pragmatism applies to any speculation or theory is its practical consequences to the ordinary man if it be true.

140 BF Philosophy 7–20643/3

Jordan, David Starr. Evolution and animal life, by David Starr Jordan and Vernon Lyman Kellogg. N.Y.Appleton(S)1907. 489p.illus. **$2.50 net.

"An elementary discussion of facts, processes, laws, and theories relating to the life and evolution of animals." — *Explanatory title.* The substance of a course of university lectures delivered to students representing all courses, but by no means limited to the use or understanding of students. The authors are connected with Leland Stanford University, the first being president of the institution, and the second, professor of entomology.

575 Mw Evolution ‖ Animals, Habits and behavior of 7–29033/3

Joyce, Patrick Weston. The story of ancient Irish civilization. Lond.Longmans,Dublin,Gill,1907. 175p.plan. *50c. net. 1/6 net.

An excellent abridgment of the author's *Social history of ancient Ireland* (2 v.) and his *Smaller Social history of ancient Ireland.* Is recommended when it is impossible for a library to buy either of the two longer works; in fact, it may be better worth while for the small library, and also may be advisable for the large library to have this volume in addition to the longer work. Anyone who reads this brief "story" will desire to read the longer work. Joyce is an acknowledged authority in this particular field. The main object of these works is to show the high state of civilization and general social condition of Ireland from the fifth to the twelfth century, when it was wholly governed by native rulers.

941.5 F42 Civilization ‖ Ireland — History W7–108/4

Kobbé, Gustav. The pianolist; a guide for pianola players. N.Y.Moffat(N)1907. 164p. **$1 net.

Intended for pianola players who know little or nothing of music or composers. Does not attempt to give instruction in the actual

manipulation of the instrument, but rather to suggest how to study music by means of it.

786 Vx Pianola 7-40771/3

Lankester, Edwin Ray. The kingdom of man. Lond. Constable[N.Y.Holt](Mr)1907. 191p.illus. *$1.40 net. 3/6 net.

Not an anthropological treatise as might be supposed from the title, but three papers bearing upon the importance to humanity of increased knowledge of nature and control of the natural world. The first, forming the Romanes lecture at Oxford in 1905, "is a plea that the English universities abandon the compulsory study of Greek and Latin and make the study of nature an integral and predominant part of every man's education." The second, the presidential address to the British Association for the Advancement of Science in 1906, gives a most valuable and inspiring summary of the advance in science in the past twenty-five years. The third, reprinted from the *Quarterly review*, treats of the "sleeping sickness" now destroying life, as a great plague, in tropical Africa. Professor Lankester is a director of the natural history departments of the British Museum.

504 LA Man ‖Science — History ‖ Sleeping sickness 7-29194/5

Latané, John Holladay. America as a world power, ✠ 1897-1907 (American nation) N.Y.Harper(D) 1907. 350p.maps. **$2 net.

Reviews the political and diplomatic history of the United States since the Spanish War, also briefly considers our social, economic, and industrial problems. Not an exhaustive study, but is clear and concise and gives an excellent idea of events, policies, and economic tendencies. Contains critical essay on authorities.

973.8 F834 U. S. History — 1897- ‖U. S. Expansion and colonial policy 7-41116/4

Lloyd, Henry Demarest. A sovereign people; ed by John A. Hobson. N.Y.Doubleday(S)1907. 273p. **$1.50 net.

A study of the Swiss government as the best existing type of pure democracy. Considers particularly the government by the people through the referendum and initiative rather than by elected representatives — representation not abolished but effectively checked by these means. Treats at length of the taking over of monopolies by the state, the popular regulation of state industries, and of Swiss communistic institutions and forms of experimental socialism. At his death in 1903, Mr Lloyd left a mass of fragmentary studies made in Switzerland during the two preceding years. Although the plan for his book was well defined, and the notes very complete they were still in no shape to transcribe. The material was intrusted to John A. Hobson, the well-known English socialist, who has shown great skill in arranging it, together with the results of his own later investigations, into a

connected whole. The result is a valuable and interesting book, which, however, lacks the enthusiasm and fascination characteristic of Mr Lloyd's unaided work.

342 Jt Switzerland — Politics and government ‖ Socialism ‖ Government ownership ‖ Referendum 7-38223/6

Maeterlinck, Maurice. The measure of the hours. N.Y.Dodd(Ap)1907. 371p. **$1.40 net.

Contents. The measure of the hours — Immortality — The gods of war — Our social duty — Our anxious morality — Rome — The psychology of accident — In praise of the fist — The forgiveness of injuries — Concerning "King Lear" — The intelligence of the flowers — Perfumes.

Essays characterized by the author's usual idealism and charm, perhaps not quite so uniformly interesting as some earlier collections. Some of the essays are reprinted from *Fortnightly review*, *Atlantic*, *Critic*, *International quarterly*, and other magazines and newspapers; three are published in English for the first time.

844 Y Immortality ‖ Shakespeare, William — King Lear ‖ Intelligence of the flowers 7-15583/5

Massey, Wilbur Fisk. Practical farming. N.Y.Outing(D)1907. 323p.tables. *$1.50 net.

"A plain book on treatment of the soil and crop production; especially designed for the everyday use of farmers and agricultural students." Covers only the agronomy side of agriculture, the production of general crops; is well written, in an easy style.

630 Rg Agriculture 7-40013/3

Memoirs of Monsieur Claude, chief of police under the second empire; tr. by Katharine Prescott Wormeley. Bost.Houghton(N)1907. 321p. pors. **$4 net.

A condensation of five volumes of the memoirs published in 1881, of which the London *Spectator* reviewer stated it was perfectly trustworthy and its statements had not been refuted. This book simply preserves the historical parts, which concern well-known events and persons during the reign of Louis Philippe and the Second Empire. A curious and uncommonly interesting book.

921 E Claude, Chief of police, Paris, 1807-1880 ‖ France — History 7-36947/3

Meyer, Hugo Richard. Public ownership and the telephone in Great Britain. N.Y.Macmillan(O)1907. 386p. **$1.50 net.

A study of "the restriction of the industry by the state and the municipalities." Brings together an important mass of material which is combined and treated in such a way as to produce a distinctly partizan and prejudiced piece of work. Useful for debate

because the preponderance of published matter on the subject takes the other side of the question.

384 Jv Telephone ‖ Government ownership 7-31983/4

Oberholtzer, Ellis Paxon. Jay Cooke, financier of the Civil War. Phil.Jacobs(O)[1907] 2v.illus. pors.facsims. **$7.50 net.

A workmanlike account of a very interesting and important figure whose life has not been fully appreciated by the American people. His wide acquaintance and various relationships with famous men and measures give opportunity for many anecdotes and personal experiences. Mr Oberholtzer probably somewhat overestimates his subject.

921 E Cooke, Jay, 1821-1905 7-33957/2

Paine, Ralph Delahaye. The greater America. N.Y. ✣ Outing(Ap)1907. 327p.illus. *$1.50 net.

"A record of impressions of a western journey undertaken for the purpose of getting out among some of the millions of good Americans who are doing their day's work as they find it, with a cheerful faith in themselves and an abounding confidence in the future of their country. This product of my note-books contains nothing that is startlingly new, nor does it pretend to be more than a series of glimpses of the splendid activities of the American West today." — *Introduction.* The journeys extend from the Great Lakes to the Pacific coast.

917.8 G89 West, The ‖ U. S. Economic conditions 7-14803/4

Pratt, Edwin A. Licensing and temperance in Sweden, Norway, and Denmark. Lond.Murray [N.Y.Dutton](My)1907. 117p. **$1 net. 2/6 net.

Primarily a plea for temperance as opposed to prohibition; throws much new light upon the Gothenburg system. May not be strictly impartial, but seems to be careful work and to represent first hand investigation. Supplements the older works.

331 Ib Gothenburg system ‖ Liquor problem 7-38583/4

Pratt, Waldo Seldon. The history of music; a hand- ✣ book and guide for students. N.Y.Schirmer(N) 1907. 683p.illus.pors.maps. *$3 net.

"The present book is the outgrowth of a fragmentary syllabus for classes that was issued in 1897." — *Prefatory note.*

Contains an enormous amount of information in small compass. Particularly useful for small libraries with few reference books. The illustrations are interesting, but not finely executed. The author is professor of music in Hartford Theological Seminary.

780 Vw Music — History and criticism 7-38011/3

Ransome, Arthur. Bohemia in London. N.Y.Dodd (N)1907. 293p.illus. **$2 net.

About the happy-go-lucky land of Bohemia, where struggling young artists and writers have their ups and downs. A mingling of literary and historical associations, personal reminiscences, descriptions of second-hand book-shops and cheap out-of-the-way restaurants, of gay festivity and heart-breaking privation, that is altogether delightful.

914.2 G449 London — Social life and customs 7-39059/3

Richards, *Mrs* **Ellen Henrietta (Swallow)** Sanitation
✢ in daily life. Bost.Whitcomb(N)1907. 82p. *60c. net.

Aims to stimulate interest in sanitation and to impress the reader with its importance. Deals with sanitation of private houses, public buildings, and towns, with precautions against contagion, and suggestions for sanitary regulations. Gives a brief list of references.

628 Sk Sanitation ‖ Hygiene 7-37734/3

Ross, Edward Alsworth. Sin and society; an analysis of latter-day iniquity. Bost.Houghton(N) 1907. 167p. **$1 net.

Takes the position that a man should be measured not so much by his character in private life as by the large harm or good he does the public. Shows that the greatest offenders of the present day are the grafters and bribers, who prey, in a large way, on the people, and attempts to crystallize public sentiment against these. Style is vigorous and fresh.

172 Bq Business ethics ‖ Social problems 7-36978/4

Schurz, Carl, 1829–1906. The reminiscences of Carl
✢ Schurz. N.Y.McClure(N)1907. 2v.illus.pors. **$6 net.

Important not merely as a life narrative of a striking personality and significant figure in national affairs, but as a substantial contribution to the history of the German revolution of 1848, and of our own Civil War. Certainly no other biography of recent years offers so remarkable a gallery of portraits — portraits of European and American men and women, of more or less note, in all walks of life. The first volume (1829–1852) treats of his life in Germany, his childhood, his student days, his part in the political agitations of 1848, his escape to America; the second (1852–1863) has to do with the making of a place for himself in his adopted land, and especially with the beginnings of the Civil War in which he took part as a general on the Northern side. The book concludes with an account of the battle of Chancellorsville. It is announced that a supplementary volume will be added, possibly two. Every library that can afford this work should have it.

921 E 7-36232/1

Singleton, Esther, *ed.* Historic landmarks of America as seen and described by famous writers. N.Y. Dodd(O)1907. 305p.illus. **$1.60 net.

Contents. The Bermudas, by Washington Irving — Yorktown, by Lord Cornwallis — Manhattan island, by D. T. Valentine — The valley of waterfalls (Yosemite), by G. N. Curzon — Bunker Hill, by Daniel Webster — Ticonderoga, by B. J. Lossing — Lake Champlain, by Francis Parkman — San Francisco, by J. A. Froude — The Chesapeake Bay, by Father Andrew White — Mexico, by Hernando Cortés — St Augustine, by G. R. Fairbanks — Denver, by G. W. Steevens — Lake George, by T. A. Richards — Plymouth Rock, by J. G. Palfrey — Fort Niagara, by S. De Veaux — The Brandywine, by B. J. Lossing — The Mississippi river, by Jared Sparks — Chicago, by G. W. Steevens — Boston harbour, by Charles Knight — Saratoga, by E. S. Creasy — Sault Ste Marie, by Isaac Aiken — Lexington, by H. B. Dawson — San Salvador, by Washington Irving — West Point, by B. J. Lossing — The acquisition of Louisiana, by Jacques de la Metairie — Gettysburg, by James Schouler — St Anthony and Minnehaha, by E. D. Neill — Newport, by T. A. Richards — The Plains of Abraham, by John Knox — Detroit, by J. T. Headley — The Alamo, by Henry Bruce — Savannah, by B. J. Lossing — Harper's Ferry, by J. G. Rosengarten — Michilimacinac, by H. B. Dawson — Narragansett, by Washington Irving — The settlement of Jamestown, by S. R. Gardiner — Fort Du Quesne, by E. Sargent — St John's river, by G. R. Fairbanks — Monterey, by Lady Mary Hardy — Annapolis, by Esther Singleton — The settlement of Mount Desert, by W. D. Williamson — Santa Fé, by C. A. Miller.

Useful for reference. Illustrations half-tones varying in clearness. Volume uniform with others of the series.

917.3 G83 U. S. Description and travel ‖ Bermuda Islands ‖ Mexico — Description and travel. If analyticals are made for each chapter 42 extra cards are required. 7-35639/5

Tomalin, H. T. Three vagabonds in Friesland, with a yacht and a camera [Lond.Simpkin]N.Y. Dutton(Ap)1907. 256p.illus. *$3 net. 7/6 net.

Diverting and informing description of a holiday outing through the meers and canals of northern Holland, with descriptions of the people, their villages, and their industries. Sketches and unusually artistic photographs add much to the general attractiveness of the volume.

914.92 G467 Netherlands — Description and travel 8-35073/3

U. S. Agriculture department — Publications division.
✣ Index to Farmers' bulletin nos. 1-250; prepared by C. H. Greathouse. Wash.Gov't.1907. 148p.

This useful index, bound and kept with the set of Farmers' bulletins will greatly increase its value and accessibility.

630 R6 Farmers' bulletins ‖ Agriculture — Bibliography Agr.7-2277/3

U. S. War department — Military information divi-
✢ **sion.** Epitome of Russo-Japanese war (Publication 11) Wash.Gov't.1907. 175p.

14 maps accompany volume.

952 F67 Russo-Japanese war War 7-171/3

Voogt, Gos de. Our domestic animals, their habits,
✢ intelligence and usefulness; tr. from the French by Katharine P. Wormely; ed. for America by Charles William Burkett. Bost.Ginn(N)1907. 297p.illus.plates. 29cm. *$3.50 net.

Popular articles, profusely illustrated with fascinating half-tone reproductions of photographs, and with seven full-page colored pictures. For readers of all ages; especially useful in the children's room for reference use in connection with the schools. Print clear, paper glazed, book heavy to handle.

636 R1 Domestic animals ‖ Burkett, Charles William, *ed.* If book is used in Children's room the following analyticals may be added (16 extra cards): Dogs ‖ Cats ‖ Horses ‖ Donkeys ‖ Mules ‖ Sheep ‖ Goats ‖ Pigs ‖ Cattle ‖ Chickens ‖ Ducks ‖ Geese ‖ Turkeys ‖ Canaries ‖ Birds ‖ Pigeons , 7-40011/3

Watson, W. Petrie. The future of Japan, with a survey of present conditions. Lond.Duckworth [N.Y.Dutton]1907. 389p. *$3.50 net. 10/6 net.

Ranks with the best recent books on contemporary politics and culture of Japan. Treats of the relations of Japan to Europe, and to her neighbors in the East, and of her future and its problems.

915.2 G67 Japan — Politics and government ‖ Eastern question (Far East) 7-35421/4

Weale, B. L. Putnam. Indiscreet letters from Peking. N.Y.Dodd(Mr)1907. 447p.map. **$2 net.

"The notes of an eye-witness, which set forth in some detail, from day to day, the real story of the siege and sack of a distressed capital in 1900 — the year of great tribulation." — *Explanatory title.*

"These letters bear the hall-mark of truth and raise the wish that it had not been necessary to edit them as ruthlessly as they are said to have been edited. Though his style is vivid he lays no undue emphasis on horrors for their own sake. He writes with that kind of restraint which is convincing, and which goes to make these letters one of the most remarkable documents we have ever read." — *Academy*, 72:235 (9 Mr 07)

With this as with *As the Hague ordains*, there is no manner of doubt that the book offers entertaining reading, but whether it presents the actual daily record of actual experiences is a matter wholly uncertain.

951 F66 China — History ‖ Boxers 7-14501/4

Wells, Carolyn, *comp.* A vers de société anthology. N.Y.Scribner(N)1907. 353p. **$1.50 net.

A collection of the choicest of light verse from Sir Philip Sydney to the present. One of the best of Miss Wells' anthologies. Contains index of titles and of authors.

821.08 Vp.9 Poetry — Collections 7-37621/3

Wister, Owen. The seven ages of Washington. N.Y. ✣ Macmillan(N)1907. 263p.illus.pors. **$2 net.

A truly delightful biography giving a finished portrait, broad and vigorous in treatment, not overlaid with common-place or labored detail. The author concerns himself with the man, only incidentally with the soldier or the statesman, but does not neglect background or the final impress upon history. The "seven ages" are: the ancestry, the boy, the young man, the married man, the commander, the president, immortality.

921 E Washington, George, 1732-1799 7-38230/3

FICTION

The fiction noted in the following list consists, for the most part, of titles which have not been unanimously approved by librarians reporting on them and, for one reason or another have been excluded from preceding issues of the *Booklist.* The note usually points to the reason in each case. These books, with the exception of the two titles indicated by, symbol ✣, are not recommended to the small library, but are listed for those libraries having a demand for more new fiction.

Bacon, *Mrs* **Josephine Dodge (Daskam)** The domestic adventurers. N.Y.Scribner(S)1907. 221p. illus. †$1.

The adventures of three young women who take a house in the country and bring upon themselves unlooked for trials not a few — both domestic and sentimental.

7-29425/2

Bindloss, Harold. Winston of the prairie. N.Y. Stokes(S)[1907] 340p.illus. †$1.50.

The wheat growing region of the Canadian northwest is the scene of this tale of plot. The hardships of the pioneer, a case of mistaken identity which results from the exchange of names between the hero

and a man who turns out to be a villain, the final triumph over adverse circumstances, all contribute to make a story of rather lively interest. It is not well written.

7–29150/2

Clemens, Samuel Langhorne. A horse's tale, by Mark Twain [*pseud.*] N.Y.Harper(O)1907. 152p. illus. †$1.

A western story, in which an army post furnishes the setting, a Spanish bull fight the chief incident, and army officers, "Buffalo Bill," his "educated" horse, and a plucky little girl are the principal characters. A rather long short story, too expensive for the economical library.

7–34780/2

Fuller, Caroline Macomber. Brunhilde's paying guest; a story of the South today. N.Y.Century(S) 1907. 348p. †$1.50.

Slight, sentimental story, rather prettily told, of a southern girl who advertises in a northern paper for "paying guests" and finds a lover.

7–26461/2

Gates, Eleanor "*Mrs* R. W. Tully." Cupid: the cow-punch. N.Y.McClure(D)1907. 316p.illus. †$1.50.

Relates the adventures, tender and humorous, of one Alec Lloyd, known in friendly circles as Cupid "from his continual figgerin' to marry some one off to some one else." Told in cowboy dialect which so far from being the real thing is full of delightful surprises. Overdone, but will interest a good many. Parts appeared in *McClure's magazine.*

7–37708/2

Glasgow, Ellen Anderson Gholson. The ancient law. ✣ N.Y.Doubleday(Ja)1908. 485p. †$1.50.

An intense record of the struggle of a strong man, once a defaulter, who by sheer force of character raises himself above his past, and regains the confidence of his family, least able of all the world to understand, to forgive, and to appreciate. The characters are drawn with a sure, skilful hand, the story uncommonly well told.

8–2945/2

Hawkins, Anthony Hope. Helena's path, by Anthony Hope [*pseud.*] N.Y.McClure(S)1907. 241p. †$1.50.

A diverting little comedy growing out of a controversy over a right of way. The hero, a young English nobleman, claims the right enjoyed by his family for generations, and is stoutly denied it by the young woman who has lately acquired the estate. Their difficulties end in the usual way.

7–30838/2

Loomis, Charles Battell. Poe's "Raven" in an elevator, and other tales. N.Y.Holt(S)1907. 284p. †$1.25.

Contents. Poe's Raven in an elevator — A West Point start — The song that sold — The thousand dollar skates — The widow Callahan's Christmas dinner — Why the delegate walked — 'Dam White — The education of a butterfly — How the cricket cricks — Their wedding day — Mrs Smith's husband — The bottle, the half brick and the lump of chalk — For divers reasons — Miss Flutterfly on what is doing — Miss Flutterfly on politics and the drama — My golf — Mrs Bidwell's tea — A suburban Christmas — How to write a novel for the masses.

A third installment of "cheerful Americans." A collection of absurdly humorous stories told with an assumption of gravity. Vary greatly in quality.

7-29153/2

Lynde, Francis. Empire builders. Indianapolis, Bobbs(Ag)[1907] 377p.illus. †$1.50.

A stirring tale, of railroad building and finance, which puts considerable strain on one's credulity. Exaggerated but rather well done.

7-26019/2

Montresor, Frances Frederica. The burning torch. N.Y.Dutton(Ag)1907. 504p. †$1.50.

The story of an English girl who goes to live with a millionaire uncle and aunt and their family of eight children in London. She has the power of second sight, and foretells the disasters that overtake nearly every member of the family, her lover, and herself. This tale is more than ordinarily well told, and has, probably for this reason, been approved by every librarian reporting upon it. It will, however, appeal to so limited a number because of its tragedy and morbidness, that the smaller libraries would scarcely afford it.

W7-204/2

Phillipotts, Eden. The folk afield. N.Y.Putnam(S) 1907. 302p. †$1.50.

Contents. The earthquake-child — Souvenir de Maupassant — Hyacinthe and Honorine — The skipper's Bible — In the King's chamber — The Grasse widow — Jane and John — The old shrine — Nuzhat — Pilgrimage to Pigna — The cup of the Caldera — The cabin-boy — "Pierrotin" from Paris — Pete and Pete.

A collection of well-finished, short stories covering a wide field of scene and interest.

7-32559/2

—— The whirlwind. N.Y.McClure(Mr)1907. 407p. †$1.50.

One of the author's strongest novels of Devonshire rural life, and one of the most tragic. The narrative itself — the betrayal of a

husband, and the frustration of his revenge — will be found objectionable in many small communities, in spite of its dignity and literary excellence.

7-4812/2

Sheehan, Patrick Augustine. Lisheen; or, The test of the spirits. N.Y.Longmans(O)1907. 454p. †$1.50.

The story of a young Irish landlord who takes a lesson from Tolstoi and goes to work on a farm as a peasant. The descriptions of peasant-life are admirable; the working out of the plot is not convincing; a love story enlivens the whole.

7-33595/2

Tarkington, Booth. His own people. N.Y.Doubleday(O)1907. 150p.illus. †90c. net.

An expanded short story, in which a young American realizes his dream of going to Europe and seeing the great world, falls in with a group of adventurers who strip him of his scanty funds, and returns to his commonplace Ohio village a wiser but sadder man. Slight but artistic and absorbing.

7-30869/2

Watson, John. St Jude's, by Ian Maclaren [*pseud.*] with an introduction by Ralph Connor. Phil. Sunday school times(Jl)1907. 320p. *$1.25.

Contents. The wisdom of love — A local inquisition — A soldier of the Lord — An irregular Christian — Nathaniel — A domestic difference — A ruler in Israel — The power of the child — Her marriage day — Righteous overmuch — Euodias and Syntyche — A faithful steward.

Stories of a Scotch minister and his parish.

7-21223/2

Wells, Carolyn. The Emily Emmins papers. N.Y. ✠ Putnam(N)1907. 273p.illus. †$1.50.

A vivacious account of a visit to London and vicinity, of "first impressions," week-end house-parties, shopping expeditions, and other engaging subjects. The illustrations add to the liveliness of an uncommonly diverting narrative.

7-39016/2

Weyman, Stanley John. Laid up in lavender. N.Y. Longmans(O)1907. 329p. †$1.50.

Contents. Lady Betty's indiscretion — The surgeon's guest — The colonel's body — A good man's dillema — Bab — Gerald — Joanna's bracelet — The body-birds of Court — The vicar's secret

— The other Englishman — King Pepin and Sweet Clive — Family portraits.

Short stories. Not up to his best by any means, but somewhat above the average.

7–32320/2

Williamson, Charles Norris. The car of destiny, by C. N. and A. M. Williamson. N.Y.McClure(S) 1907. 365p.illus. †$1.50.

Another automobile romance similar to the earlier works from the same hands, and not so good as the first of them — *The lightning conductor*. Descriptions of the scenery, the people, manners, and customs in Spain form the background for an adventurous love affair. Will be interesting to some readers, trivial and profitless to others, but harmless for anybody.

7–30841/2

Wister, Owen. Mother. N.Y.Dodd(O)1907. 95p. illus. †$1.25.

"In 1901, this story appeared anonymously as the ninth of a sequence of short stories by various authors, in a volume entitled *A house party*. It has been slightly remodelled for separate publication." The story of a young man who speculates in Wall Street in order to increase his fortune sufficiently to enable him to marry, and is swindled by an unscrupulous broker. Humorous and well told. Practically a short story; too expensive, considering its extent, for the economical library.

7–32323/2

CHILDREN'S BOOKS

Beard, Daniel Carter. Dan Beard's animal book and camp-fire stories. N.Y.Moffat(N)1907. 538p. **$1.60 net.

"This is not a natural history, neither is it a so-styled nature book. It is simply a book of animals and is made up from the author's personal notes and sketches made in the fields and forests for his own amusement and not with a view to publication; here and there scattered through the volume will be found a few short camp-fire stories and legends, some of which have already appeared in print . . . These are not intended to be taken as either strictly or scientifically true, but the notes and sketches are as accurate as the author could make them." — *Preface*.

590 O Animals, Habits and behavior of 8–3774/3

Brooke, Leonard Leslie, *illustrator.* Johnny Crow's party: another picture book; drawn by L. Leslie Brooke. Lond.Warne,1907. no paging. **$1 net. 2/6 net.

A delightful book of animal pictures, some colored, some black and white, all well done and full of humor. Expensive considering extent.

/2

Grierson, Elizabeth W. Scotland (Peeps at many ✣ lands) Lond.Black [N.Y.Macmillan](S)1907. 85p.illus.map. *75c net. 1/6 net.

A good compilation written apparently from a well-founded knowledge of the subject. Gives a good idea of the life of the people and something of the literary and historical associations. Illustrated with twelve full-page, attractive, colored pictures; printed on rough-surfaced, light-weight paper.

914.1 G43 Scotland — Description and travel W7-232/2

Mansfield, *Mrs* **Blanche (McManus)** Our little Arabian cousin (Little cousin series) Bost.Page (My)1907. 93p.illus.map. 60c.

About two Bedouin children, their homes in the desert, their games, an ostrich hunt, and a visit to the city of Medina.

913.3 G62 Arabia — Description and travel 7-20709/3

Mansfield, *Mrs* **Blanche (McManus)** Our little Hindu cousin (Little cousin series) Bost.Page(My)1907. 103p.illus.map. 60c.

About home life in India, the bazaars, the holidays, a wedding, traveling in an ox-wagon, a visit to Benares, riding elephants, and hunting tigers.

915.4 G69 India — Travel and description 7-20708/3

Roulet, Mary F. Nixon- Our little Alaskan cousin (Little cousin series) Bost.Page(My)1907. 138p. illus. 60c.

Describes the country, the people, and their customs, by recounting the experiences and conversation of an Alaskan and an American boy, who become great friends.

917.98 G945 Alaska 7-20707/3

SOME INDUSTRIAL ARTS BOOKS

Of Popular Use in the Public Library, St. Joseph, Missouri

FOR ENGINEERS AND FIREMEN

Compiled for the Board of Examiners of Engineers of the City of St. Joseph

✣ indicates titles found most popular.

American school of correspondence at Armour institute of technology, Chicago. Gas and oil engines: instruction paper prepared by Lionel S. Marks. American school of correspondence, 1905. $1.

Barr. Boilers and furnaces considered in their relations to
✣ steam engineering. Florence co. 1898. $3.

Boiler maker. Laying out for boiler makers and sheet metal workers: a treatise on the layout of boilers, stacks, tanks, pipes, elbows, and miscellaneous sheet metal work. Boiler maker, 1907. $4.

Booth. Smoke prevention and fuel economy. Henley, 1905. $2.50.

— Liquid fuel and its combustion. Dutton, 1903. $8.

Brannt. Practical treatise on animal and vegetable fats and oils. Baird, 1888. $5.

Brookes. Practical gas and oil engine handbook: a manual of useful information on the care, maintenance and repair of gas and oil engines. Drake, 1905. $1.

Christie. Boiler waters, scale, corrosion, foaming. Van Nos-
✣ trand, 1906. $2.

Gill. Gas and fuel analysis for engineers: a compend for those interested in the economical application of fuel. Prepared especially for the use of students at the Massachusetts institute of technology. 3d ed. Wiley, 1902. $1.25.

Grimshaw. Hints to power users: plain practical pointers
✣ free from high science, and intended for the man who pays the bills. Cassell, 1891 $1.

— Engine runner's catechism: containing correct answers
✣ to direct questions on how to erect, adjust, and run the principal steam engines used in the United States. Being a sequel to the author's Steam engine catechism. 6th ed. Henley, 1903. $2.

Hawkins. Maxims and instructions for the boiler room:
✣ useful to engineers, firemen and mechanics, relating to steam generators, pumps, appliances, steam heating, practical plumbing, etc.; by William Rogers [*pseud.*] Audel, 1903. $2.

Hawkins. New catechism of the steam engine; with chapters on gas, oil, and hot air engines; by William Rogers [*pseud.*] Audel,1904. $2.

Hiscox. Gas, gasoline, and oil engines including producer-gas plants: a new complete and practical work on gas, gasoline, kerosene, and crude petroleum oil engines, including producer-gas plants for engine owners, gas engineers, and intending purchasers of gas engines, fully describing and illustrating the theory, design, construction, and management of the explosive motor for stationary, marine, and vehicle motor power. Henley, 1906. $2.50.

— Modern steam engineering in theory and practice: a new
✠ complete, and practical work for steam users, electricians, firemen and engineers . . . over two hundred questions, with their answers, likely to be asked by the examining boards are given, as well as forty tables of the properties of steam for power and other users . . . with chapters on electrical engineering by Newton Harrison. Henley,1906. $3.

Holmes. The steam engine (Text books of science) Long-
✠ mans,1902. $2.

Hurst. Lubricating oils, fats and greases. Van Nostrand,
✠ 1902. $3.

Hutton. The gas-engine: a treatise on the internal-combustion engine using gas, gasoline, kerosene, or other hydrocarbon as source of energy. Wiley,1903. $5.

International library of technology. Steam boilers. International text book co.1902. $5.

— Steam engines, elevators. International text book co. 1902. $5.

Kent. Steam-boiler economy: a treatise on the theory and
✠ practice of fuel economy in the operation of steam-boilers. Wiley,1901. $4.

Kerr. Power and power transmission. Wiley,1902. $2.

LeConte. An elementary treatise on the mechanics of
✠ machinery, with special reference to the steam-engine. Macmillan,1902. $2.25.

Lisk. A B C of the steam engine, with a description of the
✠ automatic governor. Spon,1902. 50c.

✠ **Lucke.** Gas engine design. Van Nostrand,1905. $3.

Martin. The story of a piece of coal: what it is, whence it comes, and whither it goes. Appleton,1896. 40c.

Mathot. Gas engines and producer-gas plants: a practical
✠ treatise setting forth the principles of gas-engines and producer design, the selection and installation of an engine, conditions of perfect operation, producer-gas

engines and their possibilities, the care of gas-engines and producer-gas plants, with a chapter on volatile hydrocarbon and oil engines . . . tr. by Waldemar B. Kaempffert, with preface by Dugald Clerk. Henley, 1905. $2.50.

Meldola. Coal and what we get from it: a romance of applied science; expanded from the notes of a lecture delivered in the theater of the London institution, Jan. 20, 1890. Society for promoting christian knowledge, 1897. 50c.

Meyer. Steam power plants, their design and construction, 2d ed. McGraw 1905. $2.

Nicholls. Coal catechism. 5th ed. Jacobs,1906. $2.

Pray. Twenty years with the indicator. 2v.in 1. Wiley, 1882–1888. $2.50.

Ripper. Steam engine theory and practice. Longmans, 1899. $2.50.

Roberts. The gas-engine handbook: a manual of useful information for the designer and the engineer. 4th ed. Gas engine pub.co., 1903. $1.50.

Roper. Engineer's handbook. McKay,1881. $3.50.

Rose. Key to engines and engine-running. Van Nostrand, 1886. $2.50.

Rowan. Boiler incrustation and corrosion. Van Nostrand, 1895. 50c.

Stodola. Steam turbines: with an appendix on gas turbines, and the future of heat-engines. Van Nostrand, 1905. $4.50.

Thurston. A manual of steam boilers: their design, construction, and operation, for technical schools, and engineers. 7th ed. Wiley,1901. $5.

U. S. **Geological survey.** Reports of the operations of the coal-testing plant of the United States geological survey at the Louisiana purchase exposition, St. Louis, Mo. 3v. Government,1904–1906. Apply to Supt. of Public Documents for price.

Wakeman. Practical guide for firemen: containing instructions and suggestions for the care and management of steam-boilers, pumps, injectors, traps, gages. 2d ed. Wakeman,1906. 50c.

Watson. How to run engines and boilers, with a new section on water-tube boilers. Spon,1906. $1.

Williams. The steam engine. The conversion of heat energy into mechanical motion (*In his* How it works) Nelson,1907. $1.25.

PLUMBING, INCLUDING FITTING FOR HEAT

Compiled for the Board of Examiners of Plumbers of the City of St. Joseph

Baldwin. Baldwin on heating; or, Steam heating for buildings revised, being a description of steam heating apparatus for warming and ventilating large buildings and private houses. 15th ed. Wiley, 1900. $2.50.

Ball. Plumbing catechism; or, The theory and practice of plumbing design in question and answer. Domestic engineering, 1906. $1.

Booth. Steam pipes; their design and construction. Henley, 1905. $2.

Carpenter. Heating and ventilating buildings: a manual for heating engineers and architects. 4th ed. Wiley, 1902. $4.

Clow. Practical up-to-date plumbing, over 250 illustrations. Drake, 1906. $1.50.

Cosgrove. Principles and practice of plumbing. Standard sanitary mfg. co. 1906. $2.

Donaldson. Modern hot water heating, steam and gas fitting; over 150 illustrations. Drake, 1906. $1.50.

Engineering record. American plumbing practice. Engineering record, 1896. $2.50.

— American steam and hot water heating practice. Engineering record, 1895. $2.50.

Gerhard. Gas-lighting and gas-fitting. Van Nostrand, 1894. 50c.

— House-drainage and sanitary plumbing. 10th ed. Van Nostrand, 1902. 50c.

Hawkins. Maxims and instructions for the boiler room: useful to engineers, firemen & mechanics, relating to steam generators, pumps, appliances, steam heating, practical plumbing, etc. Audel, 1903. $2.

International library of technology. Plumbing and gas-fitting, heating and ventilation of buildings, painting and decorating, estimating and calculating quantities. International school of correspondence, 1897. $5.

Kitchen boiler connections. A selection of practical letters and articles relating to water backs and range boilers. 8th ed. Williams, 1907. $1.

Lawler. Lawler's American sanitary plumbing; a practical work on the best methods of modern plumbing. Excelsior pub. co. 1896. $2.

— Modern plumbing, steam and hot water heating; a new practical work for the plumber, the heating engineer, the architect, and the builder. 10th ed. Popular pub. co. 1904. $5.

Morrison. Ventilation and warming of school buildings (International education series) Appleton,1887. $1.

Snow. Furnace heating : a practical and comprehensive
✣ treatise on warming buildings with hot water; with an appendix on furnace fittings. Williams,1900. $1.50.

Starbuck. Modern plumbing illustrated : a comprehensive
✣ and thoroughly practical work on the modern and most approved methods of plumbing construction . . . fully illustrated by fifty-five detailed plates made expressly by the author for this work. Henley,1907. $4.

Thomas. The ventilation, heating and lighting of dwellings. Longmans,1906. $2.

Thompson. Heating by steam and water: a practical treat-
✣ ise on house heating; improved methods of installing heating apparatus in the home. Short and accurate rules for computing radiation, heat losses, etc. . . . specially written and compiled for the Plumbers' trade journal. Two hundred and sixty-eight original drawings. Plumbers' trade journal, 1907. $3.

Wilson. Modern convenience for the farm home (U. S.
✣ Agriculture department. Farmers' bulletin, no. 270) Gov't,1906. *Free.*

ELECTRICITY IN GENERAL

Abbott. Telephony; a manual of the design, construction,
✣ and operation of telephone exchanges. McGraw,1903–05. 3v. $6.

Adams. Harper's electricity book for boys . . . with an
✣ explanation of electric light, heat, power, and traction, by Jos. B. Baker . . . and a dictionary of electrical terms. Harper,1907. $1.75.

Allsop. Practical electric-light fitting: a treatise on the wir-
✣ ing and fitting-up of buildings deriving current from central station mains and the laying down of private installations. 6th ed. Macmillan,1905. $1.50.

Ashe & Kelly. Electric railways, theoretically and practically
✣ treated. Van Nostrand,1905. $2.50.

Atkinson. Electrical and magnetic calculations for the use
✣ of electrical engineers and artisans, teachers, students, and all others interested in the theory and application of electricity and magnetism. 2d ed. Van Nostrand,1903. $1.50.

Barnard. First steps in electricity. Maynard,1887. 60c.
✣

Baum. The alternating current transformer. McGraw,1903.
✣ $1.50.

Bonney. Electrical experiments: a manual of instructive ✣ amusement . . . with 144 illustrations, 3d ed. Whittaker, 1904. 75c.

Bottone. Dynamo; how made and used. Swan-Sonnen- ✣ schein, 1903. 90c.

— Electrical instrument making for amateurs. Excelsior ✣ pub.co.n.d. 50c.

—Electrical bells and all about them. Excelsior pub. co.n.d. ✣ 75c.

— Galvanic batteries, their theory, construction and use (Library of arts, sciences and industries) Whittaker, 1902. $1.50.

Boy de Tour. The induction motor; its theory and design, ✣ set forth by a practical method of calculation. McGraw, 1903. $2.50.

Brown. Reading and testing electric meters, made easy by ✣ simple language and illustrations. Index.pub.co.1907. 50c.

Child. The how and why of electricity: a book of information for non-technical readers. Review pub.co.1902 $1.

Crocker. Management of electrical machinery: a thoroughly ✣ revised and enlarged edition of the practical management of dynamos and motors. 6th ed. Van Nostrand, 1906. $1.

Cushing. Standard wiring for electric light and power as ✣ adopted by the fire underwriters of the United States; containing the national electric code explained and illustrated. Cushing, 1906. $1.

Emmet. Alternating current, wiring and distribution. 2d ed. ✣ McGraw, 1898. $1.

Gayetty. Motorman's guide. Laird, 1898. 75c.
✣

Gibson. The romance of modern electricity, describing in ✣ non-technical language what is known about electricity and many of its interesting applications. Lippincott, 1906. $1.50.

Hanchett. Modern electric railway motors: a discussion of ✣ current practice in electric railway motor construction, maintenance, and repair. McGraw, 1900. $2.50.

Harrison. Electric wiring, diagrams and switchboards . . . ✣ being a practical guide for wiremen, contractors, engineers, architects and others interested in the application of electricity to illumination and power . . . contains 105 illustrations showing the principles and technics of the art of wiring. Henley, 1906. $1.50.

Hawkins & Wallis. The dynamo, its theory, design, and manufacture. With 413 illustrations. 4th ed. Whittaker, 1907. $3.

✣ **Herrick.** Practical electric railway handbook. Street railway pub.co.1901. $3.

✣ **Houston.** Electric heating. Johnston, 1895. $1.

✣ — Electric incandescent lighting. McGraw, 1902. $1.

✣ — Electricity made easy. Electrical world, 1898. $1.50.

✣ — Electric street railways. Electrical world, 1896. $1.

✣ — Electricity in every day life. Collier, 1905. $4.50

✣ **International library of technology.** Batteries. International text book co.1897–1902. $5.

— Electric lighting. International text book co.1901–1902. $5.

✣ — Electricity, and magnetism, electrical measurement, applied electricity, batteries. International text book co. 1897–1902. $5.

✣ **Jackson.** An elementary book on electricity and magnetism and their application: a text book for manual training schools and high schools and a manual for artisans apprentices, and home readers. Macmillan, 1902. $1.50.

✣ **Jenks.** Electricity for young people. Stokes, 1907. $1.50

Kapp. Transformers for single and multiphase currents: a treatise on their theory, construction, and use . . . with 133 illustrations. Whittaker, 1896. $1.75.

✣ **Livermore.** How to become a competent motorman, being a practical treatise on the motor car, also giving details how to overcome certain defects. Van Nostrand, 1902. $1.

✣ **Lodge.** Lightning conductors and lightning guards: a treatise on the protection of buildings, of telegraph instruments and submarine cables from damage by atmospheric discharges. Whittaker, 1892. $4.

Meadowcroft. The A B C of electricity. Hinds, 1896. 50c.

Parkhurst. Electric motor construction for amateurs. Bubier, 1902. $1.

✣ **Poole.** Designs for small dynamos and motors. McGraw, 1906. $2.

✣ **Practical electricity** . . . with questions and answers. 4th ed. Cleveland amateur works, 1904. $2.

Rosenberg. Electrical engineering: an elementary text book. Wiley,1903. $1.50.

St John. Real electric toy making for boys: containing com-
✣ plete directions for making and using a large number of simple toys that are operated by electricity and magnetism. St John,1905. $1.

Schneider. Electric gas lighting: how to install electric gas igniting apparatus, including the jump spark and multiple systems, for use in houses, churches, theaters, halls, schools, stores or any large buildings, also the care and selection of suitable batteries, wiring and repairs. Spon, 1901. 50c.

Slingo & Brooker. Electrical engineering, for electrical light artisans and students; embracing those branches prescribed in the syllabus issued by the city and guild technical institute with 346 illustrations. Longmans, 1895. $3.50.

Sloane. The arithmetic of electricity. 16th ed. revised &
✣ enlarged. Henley,1903. $1.

— Electricians' handy book, a modern book of reference:
✣ a compendium of useful data covering the field of electrical engineering . . . containing 556 illustrations and diagrams. Henley,1905. $3.50.

— How to become a successful electrician; containing the
✣ studies to be followed, methods of work, field of operation, professional ethics and wise counsel. 12th ed. Munn,1903. $1.

Thompson. Elementary lessons in electricity and magnetism
✣ . . . new ed.rev. throughout with additions. Macmillan, 1902. $1.40.

Treadwell. Storage battery; a practical treatise on the con-
✣ struction, theory, and use of secondary batteries. Macmillan,1902. $1.75.

Turner. The insulation of electric machines . . . with 162 illustrations. Whittaker,1905. $4.50.

Wittbecker. Domestic electrical work: concise and practical
✣ explanations for plumbers, tinners and hardware dealers on how to wire buildings for bells, alarms, annunciators, and for gas lighting from batteries. Illustrated with 22 diagrams. Williams, 1902. 50c.

PAINTS AND PAINTING

Armstrong. Cyclopedia of painting; containing useful and
✣ valuable information. Drake,1907. $1.50.

Brown, F. C. Letters and lettering: a treatise with 200 exam-
✣ ples. Bates,1902. $2.

Brown, W. N. Painting (*In his* Workshop wrinkles). Van Nostrand,1901. $1.

Godfrey. How to mix paints: a simple treatise for the wants ✣ of the practical painter. Western painter,1905 50c.

Hasluck, *ed.* Glass writing, embossing, and facia work ✣ (including the making and fixing wood letters and illuminated signs) with numerous engravings and diagrams. McKay,1906. 50c.

Henderson. Henderson's sign painter; a compilation of the ✣ very best creations from the very best artists in their specialties, embracing all the standard alphabets; also all the modern and fashionable styles of the times. Henderson,1906. $3.

Hurst. Painters' colours, oils and varnishes; a practical ✣ manual. 4th ed. Lippincott,1896. $3.50.

International library of technology. Painting and decorating, estimating and calculating quantities. International text book co.1897. $5.

— Show-card writing, show-card design and ornament letter formation. International text book co.1903–1905. $3.

Randau. Enamels and enamelling: an introduction to the ✣ preparation and application of all kinds of enamels for technical and artistic purposes for enamel makers, workers in gold and silver and manufacturers of objects of art, tr. by Charles Salter. Van Nostrand,1900. $4.

Strong. The art of show card writing: a modern treatise on show card writing, designed as an educator in all branches of the art, with 256 illustrations and 32 lettering plates. comprising all the standard ancient and modern styles, Detroit school of lettering,1907. $2.50.

Toch. The chemistry and technology of mixed paints, with ✣ 60 photomicrographic plates and other illustrations. Van Nostrand,1907 $3.

Wilson. Free-hand lettering; being a treatise on plain lettering from the practical standpoint for use in engineering schools and colleges. Wiley,1903. $1.

CEMENT

Atlas Portland Cement Co. Concrete construction about the ✣ home and farm. Atlas Portland cement co.1905. Free.

Baker. Cement worker's handbook: a practical treatise on ✣ cement and its use in construction; compiled to meet the requirements of the lay workman. Concrete age pub.co.1906. 50c.

Brown. Handbook for cement users. 3d ed. Municipal engi-
✠ neering. co.1905. $3.

Butler. Portland cement, its manufacture, testing and use.
✠ Spon,1905. $5.

Douglas. Practical hints for concrete constructors. Engineering news pub.co.1905. 20c.

Eno. Uses of hydraulic cement (Geological survey of Ohio, fourth series, bulletin, no. 2) Ohio State geologist. 1904. 40c.

Falk. Cements, mortars and concretes; their physical prop-
✠ erties. Clark,1904. $2.

Golinelli. How to use Portland cement. 3d ed. Cement and engineering news,1904. 50c.

Hodgson. Mortars, plasters, stuccos, artificial marbles, con-
✠ cretes, Portland cements and compositions. Drake, 1906. $1.

Jameson. Portland cement; its manufacture and use. Van Nostrand,1895. $1.50.

Meade. Portland cement, its composition, raw materials,
✠ manufacture, testing and analysis. Chemical pub.co. 1906. $3.

Newberry. Hollow concrete block construction. Cement and
✠ engineering news,1905. 50c.

Sabin. Cement and concrete. 2d ed. McGraw,1907. $5.

Spalding. Hydraulic cement. Its properties, testing, and
✠ use. Wiley,1897. $2.

Taylor, F. W. & Thompson. A treatise on concrete, plain
✠ and reinforced; materials, construction, and design of concrete and reinforced concrete. Wiley,1905. $5.

Taylor, W. P. Practical cement testing. Clark,1906. $3.
✠

Turneaure & Maurer. Principles of reinforced concrete constructions. Wiley,1907. $3.

Twelvetrees. Concrete-steel buildings. Whittaker,1907. $3.25.
— Concrete-steel; a treatise on the theory and practice of reinforced concrete construction. Whittaker,1905. $2.

Warren. A handbook on reinforced concrete, for architects, engineers and contractors. Van Nostrand,1906. $2.50.

Webb & Gibson. Reinforced concrete; a treatise on cement,
✠ concrete and concrete steel, and their applications to modern structural work. American school of correspondence,1907. $1.

Wormeley. Cement mortar and concrete (U. S. Agricul-
✠ ture department. Farmers' bulletin, no. 235) Wash. Gov't, 1905. *Free.*

TIN, AND METAL WORK

Blinn. A practical workshop companion for tin, sheet-iron
✣ and copper-plate workers . . . with numerous valuable receipts and manipulations for every-day use in the workshop. Baird,1904. $2.50.

Fuller. Art of coppersmithing: a practical treatise on working sheet copper into all forms. Williams,1894. $3.

Hasluck. Practical metal plate work. Cassell,190 $1.
✣

— Smith's work. Cassell, 50c.
✣

International **library of technology.** Blacksmithing and forging. International text book co.1901–1903. $5.

Miller. Teacher's handbook of manual training; metal
✣ work. Whittaker,1903. $1.

Richardson, *ed.* Practical blacksmithing. 4v. Richardson, 1889. $4.

Rose. Copper work; a text book for teachers and students
✣ in the manual arts. Davis press,1906. $1.50.

Smith. Press-working of metals: a treatise upon the prin-
✣ ciples and practice of shaping metals in dies by action of presses, together with a description of the construction of such implements in their various forms, and of the materials worked in them. Illustrated with 433 engravings. Wiley,1901. $3.

Vosburgh. Tinsmith's helper and pattern book, with useful
✣ rules, diagrams and tables. 4th ed. Williams,1906. $1.

CARPENTRY AND WOODWORKING

Amateur **mechanics' workshop;** a treatise containing plain
✣ and concise directions for the manipulation of wood and metals. Trench,1904. $2.50.

Arts and **crafts exhibition society.** Arts and crafts essays, by members of the arts and crafts exhibition society; with a preface by William Morris. Longmans,1899. $1.

Bond. The scientific American boy; or, The camp at Willow
✣ Clump Island. Munn,1906. $2.

Craigin *& others.* A boy's workshop, with plans and designs for in-door and out-door work, by a boy and his friends, with an introduction by Henry Randall Waite. Lothrop,1884. $1.

Fletcher. Carpentry and joinery: a text book for archi-
✣ tects, engineers, surveyors, and craftsmen. Fourdrinier,1898. $1.50.

Foster. Elementary woodworking. Ginn,1903. 75c.

Goss. Bench work in wood: a course of study and practice designed for the use of schools and colleges. Ginn,1902. 70c.

Hasluck. Practical staircase joinery. McKay,1903. $1.

Hodgson. The carpenter's steel square. pt. 1–2. Industrial pub.co.1901. $1.
✣

— The hardwood finisher. Industrial pub.co.1901. $1.
✣

— Common-sense stairbuilding and handrailing . . . illustrated with over 250 drawings and diagrams, and containing a glossary of terms used in stair building and hand railing; and in addition 25 modern house designs, show perspective view and floor plans. Drake,1903. $1.
✣

— Modern carpentry: a practical manual. Drake, 1902. $1.
✣

Hopkins, G. M. Home mechanics for amateurs. Munn,1903. $1.50.

Hopkins, A. A. & Bond, *comp.* Scientific American reference book. Munn,1905. $1.50.
✣

Horth. Educational woodwork: a text book for the use of instructors and students in elementary and secondary schools. Chamberlain,1905. $1.

International library of technology. Wood turning. International text book co.1901–1903. $5.

Kidder. Building construction and superintendence. pt. 1–3. Comstock,1905. $8.

Kilbon. Carpentry for boys: elementary wood work; a series of lessons designed to give fundamental instructions in use of all the principal tools needed in carpentry and joinery. Lee,1893. 75c.

Merriman. Elements of mechanics: forty lessons for beginners in engineering. Wiley,1905. $1.
✣

Miller. Art crafts for amateurs. Hanson,1901. $2.

Sanford. The art crafts for beginners; illustrated with working drawings and photographs. Century,1904. $1.20.

Murray. Problems in woodworking. Manual arts press, 1905. 75c.
✣

Ross. Elementary course in woodwork; designed for use in high and technical schools. Flanagan,1901. $1.
✣

Selden. Elementary woodwork for use in manual training classes. Rand,1906. $1.00.
✣

Spon. Mechanics' own book: a manual for handicraftsmen and amateurs. Spon,1885. $1.50.
✣

Upham. Fifty lessons in woodwork. Kellog,1892. 50c.

Van **Deusen.** Beginning woodwork at home and in school . . . illustrated by E. V. Lawrence. Manual arts press, 1907. $1.

Wheeler. Woodworking for beginners: a manual for amateurs . . . with over 700 illustrations. Putnam,1900. $2.50.

Whittaker. Woodworking tools; how to use them. Heath, ✣ 1896. 60c.

TOOLS AND MECHANICS

Ashley. Practical planer kinks for planer hands. Hill,1905. ✣ $1.

Barnard. Tools and machines. Silver,1903. 60c. ✣

Compton. Advanced metal work: Lessons on the speed- ✣ lathe, and planing-machine . . . in three parts. Pt.1 The speed-lathe. Wiley,1898. $1.50.

Dixon, *comp.* The mechanical arts simplified. Laird, 1894. $2.50.

Fox. A practical course in mechanical drawing. Van Nostrand,1899. $1.25.

Grimshaw. Shop kinks and machine-shop chat. Henley, ✣ 1896. $2.50.

Hasluck. Lathe-work. Crosby-Lockwood,1901. $1.25.
— Practical draughtsmen's work. Cassell,1901. $1.

Hawkins. The progressive machinist: a practical and educational treatise with illustrations, by William Rogers (*pseud.*) Audel,1903. $2.

Hiscox. Mechanical appliances, mechanical movements and ✣ novelties of construction . . . for engineers, draughtsmen, inventors, patent attorneys, and all others interested in mechanical operations; including an explanatory chapter on the leading conceptions of perpetual motion existing during the past three centuries; being a supplementary volume to the author's work entitled Mechanical movements, powers, and devices. Henley,1904. $3.

— Mechanical movements, powers, devices, and appliances used in constructive and operative machinery and the mechanical arts for the use of inventors, mechanics, engineers, draughtsmen and all others interested in any way in mechanics(illustrated) Henley, 1899. $3.

Horner. Modern milling machines. Henley,1906. $4.
✣

— Tools for machinists and woodworkers, including modern instruments of measurements. Henley,1906. $3.50.

International library of technology. Mechanical drawing,
✣ structural drafting, sketching, the formation of letters. International text book co.1899. $5.

— Working chilled iron, gear calculations, gear cutting,
✣ grinding, bench, vise, and floor work, erecting, shop hints, toolmaking, gauge and gauge making, dies and die making jigs and jig making. International text book co.1901–1903. $5.

— Strength of materials, applied mechanics, machine design. International text book co.1902. $5.

— Lathe work, planer work, shaper and slotter work, drilling and boring, milling machines. International text book co.1901–1903. $5.

Kenison. Mechanical drawing. American school of corre-
✣ spondence,1903. $1.

Kerr. Power and power transmission. Wiley,1902. $2.50.

LeConte. An elementary treatise on the mechanics of
✣ machinery, with special reference to the mechanics of the steam engine. Macmillan,1902. $2.25.

Leonard. Machine-shop tools . . . with nearly 700 illustrations. 3d ed. Wiley, 1905. $4.

Lukin. Amongst machines. Putnam,1888. $1.75.

— Young mechanic; containing directions for the use
✣ of all kinds of tools, and for the construction of steam engines and mechanical models, including the art of turning in wood and metal. Putnam,1890. $1.75.

— Turning lathes. Brittannia eng.co.1904. $1.25.

Marshall. Practical lessons in metal turning. Marshall,
✣ 1906. $1.

Perrigo. Modern American lathe practice: a new, complete
✣ and practical work on the "king of machine shop tools," the American lathe, giving its origin and development, its design, its various types as manufactured by different builders . . . illustrated by 315 engravings made from drawings expressly executed for this book. Henley, 1907. $2.50.

Popular mechanics shop notes. Popular mechanics co.1905.
✣ 50c.

Reid. A text book of mechanical drawing and elementary machine design. Wiley,1903. $3.

Robinson. Principles of mechanism: a treatise on the modi-
✣ fication of motion by means of the elementary combinations of mechanism, or of the parts of machines; for use in college classes, by mechanical engineers, etc. Wiley, 1896. $3.

Rose. Complete practical machinist; embracing lathe work,
✣ vise work, drills and drilling, taps and dies, hardening and tempering, the making and use of tools, tool grinding-marking out work, machine tools, etc. 19th ed. Low, Marston, 1903. $2.50

Usher. The modern machinist: a practical treatise on mod-
✣ ern machine shop methods, especially adapted to the use of machinist, apprentices, designers, engineers and constructors. 5th ed. Henley, 1904. $2.50.

Van Dervoort. Modern machine shop tools, their construction,
✣ operation and manipulation, including both hand and machine tools . . . a book of practical instruction . . . illustrated by 673 engravings of the latest tools and methods, all of which are fully described. Henley, 1903. $4.

Viollet-le-Duc. Learning to draw; or, The story of a young
✣ designer, tr. from the French by Virginia Champlin; illustrated by the author. Putnam, 1904. $1.25.

Wilson. The practical tool-maker and designer: a treatise upon the designing of tools and fixtures for machine tools and metal working machinery. Baird, 1898. $2.50.

Woods & Stahl. Elementary mechanism: a text book for students of mechanical engineering. Van Nostrand, 1896. $2.

Woodworth. Dies, their construction and use, for the modern
✣ working of sheet metals: a treatise on the design, construction and use of dies, punches, tools, fixtures and devices, together with the manner in which they should be used in the power press, for the cheap and rapid production of sheet metal parts and articles . . . illustrated by 505 engravings. Munn, 1903. $3.

IRON AND STEEL WORK

Bacon. Forge practice (elementary) Wiley, 1904. $1.50.

Chase. Art of pattern-making: a comprehensive treatise; numerous examples of all kinds of pattern work for green-sand, dry-sand, and loam moulding; also useful information and rules for the practical use of pattern-makers and others. Wiley, 1903. $2.50.

Erskine. Bent iron work: a practical manual of instruction for amateurs in the art and craft of making and ornamenting light articles in imitation of the beautiful mediæval and Italian wrought iron work. Scribner, 1901. 75c.

International library of technology. Green-sand molding. core making, dry-sand loam work, cupola practice, mixing cast iron. International text book co. 1903. $5.

Markham. American steel worker; a twenty-five years' experience in the selection, annealing working, hardening and tempering of various kinds and grades of steel. Derry-Collard co. 1906. $2.50.

Metcalf. Steel: a manual for steel-users. Wiley, 1905. $2.

Overman. Moulder's and founder's pocket guide. Baird, 1904. $2.

Tate. Foundry practice: a treatise on molding and casting in their various details; prepared for the use of students in the College of engineering, University of Minnesota. Wilson, 1904. $1.50.

Turner. Metallurgy of iron and steel. Lippincott, 1895 $2.50.

West. West's moulder's text book; being pt. 2 of American foundry practice. 9th ed. Wiley, 1901. $2.50.